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October 29, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Serial No.: 10/609,035  
Seismic Signaling Apparatus and Method for Enhancing Signal Repeatability  
Our File: 1309-1018

Dear Sir:

Enclosed for filing please find the following items relating to the above-identified application:

- (1) Information Disclosure Statement;
- (2) Form PTO/SB/08B (with reference); and
- (3) Postcard.

Please file the above and return the date-stamped postcard to our office at the address listed above. In the meantime, if you have any questions or comments concerning this matter, please call the undersigned at your earliest convenience. Otherwise, please accept the enclosed.

Sincerely,

Lawrence R. Youst  
Reg. No. 38,795

Enclosures

Date of Deposit: October 29, 2003

CERTIFICATE OF MAILING BY FIRST CLASS MAIL:

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
Lawrence R. Youst



Attorney Docket No.: 1309-1018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application: Harold P. Barber, Sr.  
Serial No. 10/609,035  
Filed: June 27, 2003  
Art Unit: 2837  
Examiner: Unassigned  
For: Seismic Signaling Apparatus and Method for Enhancing Signal Repeatability

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

As listed on the accompanying form PTO/SB/08B, submitted herewith are copies of the indicated references which applicant believes may be material to the examination of the above-identified application, and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Further, the filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Written notification that the enclosed references have been considered in their entirety by return of a copy of the enclosed form, completed by the Examiner, is respectfully requested.

IDENTIFICATION OF TIME OF FILING THE  
INFORMATION DISCLOSURE STATEMENT

- [X] This Information Disclosure Statement is being filed within three months of the filing date of the national application other than a continued prosecution application under §1.53(d) or within three months of the date of entry of the national stage as set forth in §1.491 in an international application or before the mailing date of a first Office Action on the merits or before the mailing of a first Office Action after the filing of a request for continued examination under §1.114. (37 CFR §1.97(b)).
- [ ] This Information Disclosure Statement is being filed after the period specified in 37 CFR §1.97(b) but before the mailing date of a final action under §1.113 or a notice of allowance under §1.311 or an action that otherwise closes the prosecution in the application. (37 CFR §1.97(c)).

Accompanying this transmittal is:

- ☐ the statement specified in 37 CFR §1.97(e); or
- ☐ the fee set forth in 37 CFR §1.17(p) of \$180.00.
- ☐ This Information Disclosure Statement is being filed after the period specified in 37 CFR §1.97(c) but before or simultaneously with the payment of the issue fee. (37 CFR §1.97(d)).

Accompanying this transmittal is:

- a. the statement as specified in 37 CFR §1.97(e); and
- b. the fee set forth in 37 CFR §1.17(p) of \$180.00.

CERTIFICATION FOR INFORMATION DISCLOSURE STATEMENT 37 CFR §1.97(e)  
(Only if Required Above)

I, the person(s) signing below certify:

- ☐ that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. (37 CFR §1.97(e)(1)); or
- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in the counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonably inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement. (37 CFR §1.97(e)(2)).

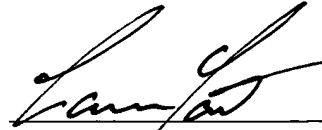
FEE PAYMENT

- ☐ attached is a check in the amount of \$180.00
- ☐ charge Deposit Account No. 03-1130 \$180.00

Applicant believes no additional fees are due for the filing of this IDS. However, if any additional fees are due, or any overpayments have been made, please charge, or credit, Deposit Account No. 03-1130.

Dated this 29th day of October, 2003.

Respectfully Submitted,



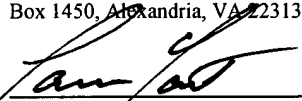
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Lawrence R. Youst



PTO/SB/08B (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                       |
|------------------------|-----------------------|
| Application Number     | 10/609,035            |
| Filing Date            | June 27, 2003         |
| First Named Inventor   | Harold P. Barber, Sr. |
| Art Unit               | 2837                  |
| Examiner Name          | Unassigned            |
| Attorney Docket Number | 1309-1018             |

Sheet 1 of 1

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|-----------------------|--------------------------|---|----------------|
|                       |                          | SMITH, G.C.; "Three Dimensional Air Gun Arrays"; Geophysics; 1984; Marine II 1984; pages 282-285.   |                |
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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.